

# TAURUS

## ENGINEERING SOLUTIONS

TEL: 031 533 5100 | CELL: 082 575 7802

### FITTINGS

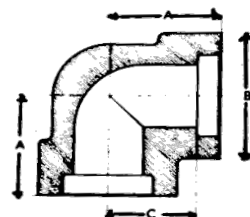
#### Types, Dimensions and Weights of Forged Steel Fittings - 3000 Lb Series

#### ANSI B16.11 - ASTM - A 105

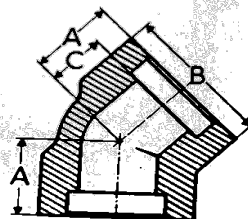
#### SOCKET WELD

| Inches<br>Nominal<br>Pipe Size | A     |         | B     |         | C    |         | APPROXIMATE WEIGHT |          |
|--------------------------------|-------|---------|-------|---------|------|---------|--------------------|----------|
|                                | mm    | inches  | mm    | inches  | mm   | inches  | Kg.                | Lbs      |
| 1/4                            | 20,5  | 13/16   | 22,0  | 7/8     | 11,5 | 15/32   | 0,065              | 9/64     |
| 3/8                            | 24,5  | 31/32   | 26,5  | 1 1/16  | 13,0 | 17/32   | 0,130              | 9/32     |
| 1/2                            | 28,5  | 1 1/8   | 34,0  | 1 11/32 | 15,5 | 5/8     | 0,230              | 1/2      |
| 3/4                            | 33,5  | 1 5/16  | 38,5  | 1 1/2   | 18,5 | 3/4     | 0,300              | 21/32    |
| 1                              | 38,0  | 1 1/2   | 46,5  | 1 27/32 | 22,0 | 7/8     | 0,490              | 1 1/16   |
| 1 1/4                          | 44,5  | 1 3/4   | 56,5  | 2 7/32  | 27,0 | 1 1/16  | 0,760              | 1 11/16  |
| 1 1/2                          | 51,0  | 2       | 62,5  | 2 15/32 | 32,0 | 1 9/32  | 1,050              | 2 5/16   |
| 2                              | 60,5  | 2 3/8   | 76,0  | 3       | 38,0 | 1 1/2   | 1,730              | 3 13/16  |
| 2 1/2                          | 63,5  | 2 1/2   | 92,0  | 3 5/8   | 41,0 | 1 5/8   | 2,550              | 5 5/8    |
| 3                              | 82,5  | 3 1/4   | 110,0 | 4 11/32 | 57,0 | 2 1/4   | 4,000              | 8 13/16  |
| 4                              | 114,5 | 4 1/2   | 152,0 | 6       | 67,0 | 2 21/32 | 14,300             | 31 1/2   |
| 1/4                            | 22,5  | 7/8     | 34,0  | 1 11/32 | 9,5  | 3/8     | 0,195              | 7/16     |
| 3/8                            | 22,5  | 7/8     | 34,0  | 1 11/32 | 9,5  | 3/8     | 0,180              | 13/32    |
| 1/2                            | 22,5  | 7/8     | 34,0  | 1 11/32 | 12,0 | 15/32   | 0,170              | 3/8      |
| 3/4                            | 25,0  | 63/64   | 38,5  | 1 1/2   | 12,0 | 15/32   | 0,230              | 1/2      |
| 1                              | 28,5  | 1 1/8   | 46,5  | 1 27/32 | 14,5 | 19/32   | 0,345              | 3/4      |
| 1 1/4                          | 33,5  | 1 5/16  | 56,5  | 2 7/32  | 17,5 | 11/16   | 0,650              | 1 7/16   |
| 1 1/2                          | 38,0  | 1 1/2   | 62,5  | 2 15/32 | 21,0 | 13/16   | 0,795              | 1 3/4    |
| 2                              | 41,5  | 1 5/8   | 76,0  | 3       | 25,5 | 1       | 1,200              | 2 5/8    |
| 2 1/2                          | 50,5  | 2       | 92,0  | 3 5/8   | 28,5 | 1 1/8   | 2,200              | 4 27/32  |
| 3                              | 63,5  | 2 1/2   | 122,0 | 4 13/16 | 32,0 | 1 9/32  | 7,100              | 15 21/32 |
| 4                              | 80,0  | 3 5/32  | 152,0 | 6       | 42,0 | 1 21/32 | 10,300             | 22 11/16 |
| 1/4                            | 24,5  | 31/32   | 26,5  | 1 1/16  | 11,5 | 15/32   | 0,175              | 3/8      |
| 3/8                            | 24,5  | 31/32   | 26,5  | 1 1/16  | 13,0 | 17/32   | 0,155              | 5/16     |
| 1/2                            | 28,5  | 1 1/8   | 34,0  | 1 11/32 | 15,5 | 5/8     | 0,280              | 5/8      |
| 3/4                            | 33,5  | 1 5/16  | 38,5  | 1 1/2   | 18,5 | 3/4     | 0,370              | 13/16    |
| 1                              | 38,0  | 1 1/2   | 46,5  | 1 27/32 | 22,0 | 7/8     | 0,565              | 1 1/4    |
| 1 1/4                          | 44,5  | 1 3/4   | 56,5  | 2 7/32  | 27,0 | 1 1/16  | 0,870              | 1 15/16  |
| 1 1/2                          | 51,0  | 2       | 62,5  | 2 15/32 | 32,0 | 1 9/32  | 1,280              | 2 13/16  |
| 2                              | 60,5  | 2 3/8   | 76,0  | 3       | 38,0 | 1 1/2   | 1,795              | 4        |
| 2 1/2                          | 63,5  | 2 1/2   | 92,0  | 3 5/8   | 41,0 | 1 5/8   | 2,845              | 6 1/4    |
| 3                              | 82,5  | 3 1/4   | 110,0 | 4 11/32 | 57,0 | 2 1/4   | 5,500              | 12 1/8   |
| 4                              | 114,5 | 4 1/2   | 152,0 | 6       | 67,0 | 2 21/32 | 20,000             | 44 1/6   |
| 1/4                            | 42,0  | 1 21/32 | 36,0  | 1 7/16  | 9,5  | 3/8     | 0,150              | 11/32    |
| 3/8                            | 47,0  | 1 27/32 | 41,0  | 1 5/8   | 9,5  | 3/8     | 0,220              | 1/2      |
| 1/2                            | 52,0  | 2 1/16  | 46,0  | 1 13/16 | 9,5  | 3/8     | 0,380              | 27/32    |
| 3/4                            | 57,0  | 2 1/4   | 56,0  | 2 7/32  | 13,0 | 1/2     | 0,460              | 1        |
| 1                              | 63,0  | 2 15/32 | 65,0  | 2 9/16  | 13,0 | 1/2     | 0,700              | 1 9/16   |
| 1 1/4                          | 72,0  | 2 27/32 | 78,0  | 3 1/16  | 13,0 | 1/2     | 1,200              | 2 5/8    |
| 1 1/2                          | 78,0  | 3 1/16  | 86,0  | 3 13/32 | 13,0 | 1/2     | 1,500              | 3 5/16   |
| 2                              | 89,0  | 3 1/2   | 103,0 | 4 1/16  | 16,0 | 5/8     | 2,575              | 5 11/16  |
| 2 1/2                          | 114,0 | 4 1/2   | 122,0 | 4 13/16 | 16,0 | 5/8     | 6,100              | 13 7/16  |
| 3                              | 130,0 | 5 1/8   | 144,0 | 5 11/16 | 16,0 | 5/8     | 8,800              | 19 3/8   |
| 4                              | 150,0 | 5 29/32 | 180,0 | 7 3/32  | 20,0 | 25/32   | 13,500             | 29 3/4   |

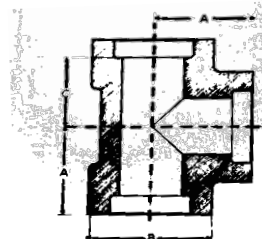
#### 90° ELBOWS



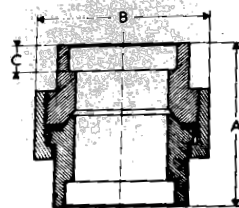
#### 45° ELBOWS



#### TEES



#### FEMALE-FEMALE UNIONS



Dimensions in accordance with specifications ANSI B 16.11 - 1973 and BS 3799 - 1974.